USER'S MANUAL

Uni - Control

Table of contents

1. Safety instructions 3
2. Front View 4
2.1. Connection Side 4
3. Connecting 4
3.1. Menu 4
3.1.1. Set up 5
3.1.2. DMX Setup 6
3.1.3. Automatic mode 8
3.1.4. Sound mode 9
3.1.5. Colour select 9
4. IR Mode 10
4.1. IR RGB Settings 10
4.2. IR automatic program 11
4.3. IR music control 11
5. Technical data 12

1. Safety instructions

FOR SAFE AND EFFICIENT OPERATION

Be careful with heat and extreme temperatureAvoid exposing it
to direct rays of the sun or near a heating appliance.
Not put it in a temperature bellow 41°F /5°C, or exceeding 95°F /35°C.

Keep away from humidity, water and dust
Do not place the set in a location with high humidity or lots of dust.
Containers with water should not be placed on the set.

Keep away from sources of hum and noise
Such as transformer motor, tuner, TV set and amplifier.

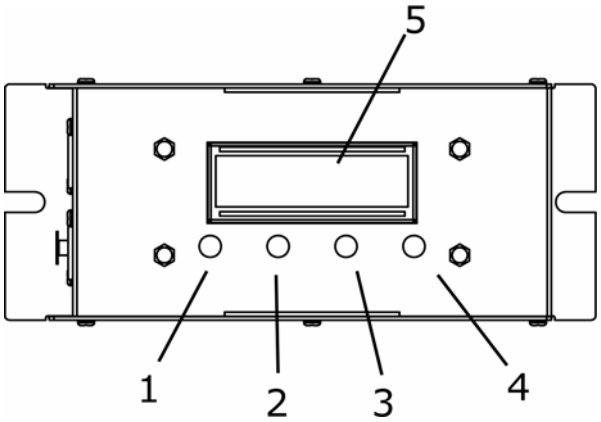
To avoid placing on un-stable location
Select a level and stable location to avoid vibration.

Do not use chemicals or volatile liquids for cleaning
Use a clean dry cloth to wipe off the dust, or a wet soft cloth for stubborn dirt.

If out of work, contact sales agency immediately
Any troubles arose, remove the power plug soon, and contact with an engineer for repairing,
do not open the cabinet by yourself, it might result a
danger of electric shock.

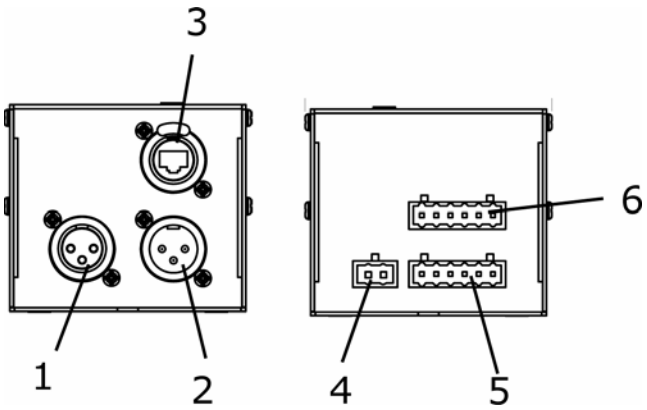
Take care with the power cable
Never pull the power cable to remove the plug from the receptacle, be sure
to hold the plug. When not using the player for an extended period of time
be sure to disconnect the plug from the receptacle.

2. Front View



1. Enter Button- to confirm the setting
2. UP Button – to higher the value +1
3. Down button – to lower the value -1
4. ESC button – to leave the menu
5. LC Display

2.1. Connection Side



1. DMX out – XLR 3 Pole
2. DMX in – XLR 3 pole
3. Data connector for software updates
4. Power connector – DC 12-24V 10A max(+/-)

5/6 Connector for LED fixtures (RGB, V+, V+, V+)

3. Connecting

- follow this instructions: Connect the 4 wires which are signed with R;G;B and V+ to the corresponding terminals on the Uni-Control.

- Connect the fitting power switching supply to the power connector of the Uni-Control. Take care of the poles! Don not use more then 10A! According to the LED fixture consumption you should size your power switching supply a bit higher then the fixture, that means when your fixtures needs 6A, then you should use a power supply with 7A.

3.1. Menu

You can control the Uni Control manual ore by using DMX. Use the buttons ENTER, UP, DOWN and ESC.

3.1.1. Set up

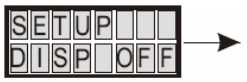
Press the UP/DOWN buttons until SETUP SETTINGS is visible in the display. Confirm by pressing ENTER, to enter the submenu.

Setup display

Here you can decide, if your display remains in ON mode, or if it is shutting down after 10s.

SET UP DISP ON or OFF

Display backlight everytime on



Display shuts down after 10s

Setup DMX signal

Here you can choose when the DMX signal is failing whether you want the fixture to keep the last setting or to shut down the fixture.

Choose by pressing UP/DOWN freeze or black and confirm with ENTER.

Freeze – the last known DMX signal will be freezed when the DMX failed.

Black – The LED fixture will be in the blackout mode when the DMX failed.

SET UP MASTER DIM 000% - 100%

Manual dimming 0 – 100%

This setting will overwrite every built in program and the max output of the dimmer channel in the DMX mode.

SETUP RED

Sets the maximum intensity of the colour red from 0 to 100%

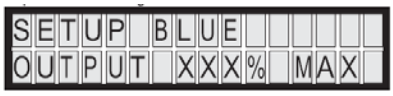
This setting overwrites the built in programs and the DMX controlchannel. (white balance)

SETUP GREEN

Sets the maximum intensity of the colour green from 0 to 100%

This setting overwrites the built in programs and the DMX controlchannel. (white balance)

SETUP BLUE



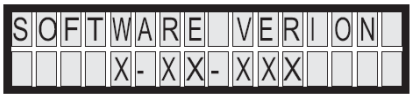
Sets the maximum intensity of the colour blue from 0 to 100%

This setting overwrites the built in programs and the DMX controlchannel. (white balance)

RESET CONTROLLER

When you press Enter, the fixture will set up the default settings.

Software Version



Shows the actual software version

3.1.2. DMX Setup

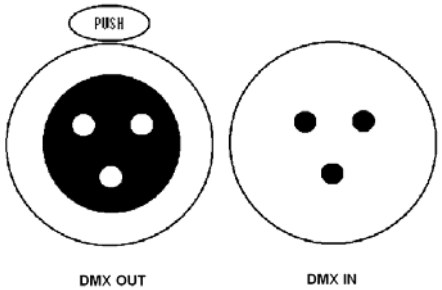
Here you can set up the DMX address and the DMX control mode.

Press ENTER, then MODE flashes, by using the UP/DOWN buttons you can choose the desired control mode.

Press ENTER again, then ADD flashes. Now you can set up the DMX address by using the UP/DOWN buttons.

DMX MODE: Display flashes when there is no DMX Signal.

Connect the DMX output of your controller with the DMX Input of your Uni Control. At the XLR 3 pin output you can connect further fixtures.



DMX MODE 1

Channel	Value	Function
1	0-255	0 =OFF , 1-255 = several colourmacros (36)

DMX MODE 2

Channel	Value	Function
1	0-255	0 =OFF , 1-255 = several colourmacros (36)
2	0-255	0 = OFF, 1-255 = Dimmer 1-100%

DMX MODE 3

Channel	Value	Function
1	0-255	RED: 0 =OFF, 1-255 = DIMMER 1-100% OUTPUT
2	0-255	GREEN: 0 = OFF, 1-255 = DIMMER 1-100% OUTPUT
3	0-255	BLUE: 0 = OFF, 1-255 = DIMMER 1-100% OUTPUT

DMX MODE 4

Channel	Value	Function
1	0-255	RED: 0 =OFF, 1-255 = DIMMER 1-100% OUTPUT
2	0-255	GREEN: 0 = OFF, 1-255 = DIMMER 1-100% OUTPUT
3	0-255	BLUE: 0 = OFF, 1-255 = DIMMER 1-100% OUTPUT
4	0-255	STROBE: 0-15 =OFF,16-255 = 1Hz – 12Hz
5	0-255	MASTER: 0 = OFF, 1-255 = DIMMER 1-100% OUTPUT

DMX MODE 5

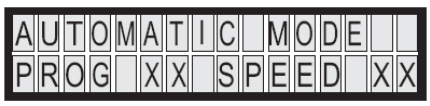
Channel	Value	Function
1	0-255	RED: 0 =OFF, 1-255 = DIMMER 1-100% OUTPUT
2	0-255	GREEN: 0 = OFF, 1-255 = DIMMER 1-100% OUTPUT
3	0-255	BLUE: 0 = OFF, 1-255 = DIMMER 1-100% OUTPUT
4	0-255	STROBE: 0-15 = OFF, 16-255 = 1Hz – 12Hz
5	0-255	MASTER: 0 = OFF S, 1-255 = DIMMER 1-100% OUTPUT

6	0-255	Special functions 0-31 = OFF 32-63 = Automatic Dimming (upwards) 64-95 = Automatic Dimming (downwards) 96-127 = Automatic Dimming (up and downwards) 128-159 = Automatic colour fade 160-191 = random colour change 3 colours 192-223= random colour change 7 colours 224-255= activation of sound control

DMX MODE 6 (compatibility mode)

Channel	Value	Function
1	0-255	RED: 0 =OFF, 1-255 = DIMMER 1-100% OUTPUT
2	0-255	GREEN: 0 = OFF, 1-255 = DIMMER 1-100% OUTPUT
3	0-255	BLUE: 0 = OFF, 1-255 = DIMMER 1-100% OUTPUT
4	0-255	0 = OFF, 1-255 = several colour macros (32)
5	0-255	STROBE: 0-15 = OFF, 16-255 PULSE, slow - fast
6	0-255	Special functions 0-31 = OFF 32-63 = Automatic Dimming (upwards) 64-95 = Automatic Dimming (downwards) 96-127 = Automatic Dimming (up and downwards) 128-159 = Automatic colour fade 160-191 = random colour change 3 colours
7	0-255	MASTER: 0 = OFF, 1-255 = DIMMER 1-100% OUTPUT

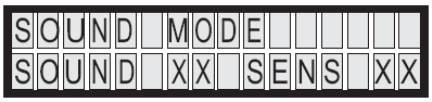
3.1.3. Automatic mode



Press ENTER to enter the automatic mode. Press ENTER again to choose which value you want to change, with UP/DOWN buttons you can change the value. With ESC you can leave the submenu. Under PROG you can choose the desired programs, and under SPEED you can choose the desired speed.

Program	Function
001	colourchange Sequenz 1 (3 colours)
002	colourchange Sequenz 1 (7 colours)
003	colourfade (3 colours)
004	colourfade (7 colours)
005	Strobe Program (3 colours)
006	colourchange Sequenz 2 (3 colours)
007	colourchange Sequenz 2 (7 colours)
008	Colourfade (6 colours)

3.1.4. Sound mode

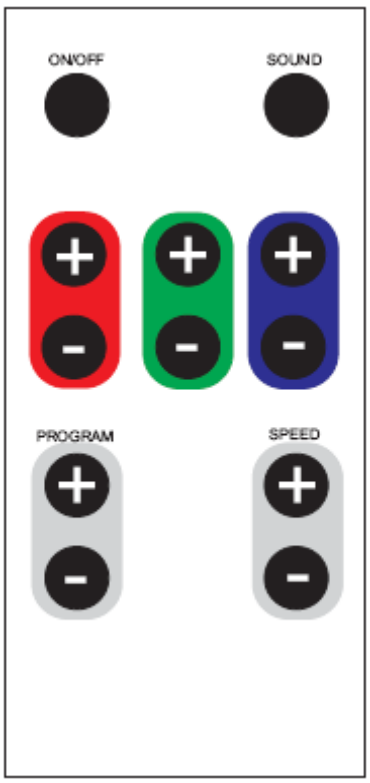


Press ENTER to enter the sound mode. Press ENTER again to choose which value you want to change, with UP/DOWN buttons you can change the value. With ESC you can leave the submenu. Under SOUND you can choose the desired programs, and under SENS you can choose the desired sensitivity.

3.1.5. Colour select

Press ENTER to enter the sound mode. Press ENTER again to choose which value you want to change, with UP/DOWN buttons you can change the value. With ESC you can leave the submenu.
Under R you can adjust the desired Intensity for red
Under G you can adjust the desired Intensity for green
Under B you can adjust the desired Intensity for blue

4. IR Mode



Press ON/OFF to activate the IR Mode and to control the fixture with the remote control

4.1. IR RGB Settings

If you use the following three buttons to adjust the intensity for red green and blue

You can see this on the display of the fixture:

No adjust the intensity as you desire

4.2. IR automatic program

If you use the following buttons to choose the program and to adjust the speed

You can see this in the display of the fixture

Now choose the program and adjust the speed as you desire

4.3. IR music control

If you use the following buttons to choose the sound to light programs

Press for activate music control

+/- will change the program

You can see this in the display of the fixture'

Press the sound button to activate the sound to light function. With the +/- buttons you can choose the desired program.

5. Technical data

Power supply	**12V/ 24V DC**
Power consumption	**Max 10A**
Measurements (LxBxH):	**275 x 280 x 455mm**
DMX Input:	**3pin XLR male socket**
DMX aoutput:	**3pin XLR female socket**
DMX wiring:	**Pin 1: Schirm / Pin 2: - / Pin 3: +**
DMX channel:	**1 / 7**
PWM	**1450Hz**
Output connector	**RGBV+V+V+**

Importeur:

B&K Braun GmbH

Industriestraße 1

D-76307 Karlsbad-Ittersbach

www.bkbraun.com

info@bkbraun.com